



STATE OF MISSOURI
UNIFORM PROGRAM STANDARDS
NATIONAL VOLUNTARY BOVINE JOHNE'S DISEASE CONTROL PROGRAM
TEST-NEGATIVE HERD STATUS PROGRAM

MISSOURI DEPARTMENT OF AGRICULTURE
ANIMAL HEALTH DIVISION
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NUMBER

- I. Application – the herd owner enrolling the herd must sign this agreement to abide by the requirements concerning minimum biosecurity and management as well as identification, testing and herd-addition requirements listed below.
- II. Program entry, status level 1 requirements –
 - a. An on-farm risk-assessment conducted by a certified, accredited and licensed veterinarian
 - b. Herd management plan
 - c. Negative test results for all test-eligible animals, tested by an accredited veterinarian and submitted to a laboratory approved by the National Veterinary Services Laboratory (minimum of 30 head of cattle, 2nd lactation or higher; or all animals 24 months of age and older for herds with less than 30 cattle that are 2nd lactation or higher)
 - d. All test-eligible animals are identified with official individual identification (including USDA metal eartags, microchips, DHIA tags, identification tattoos when legible, etc)
- III. Herd status level maintenance – Any level can be maintained by achieving negative screening test results on 30 second- or higher lactation animals every 10 to 14 months. The level achievement year will continue to be noted because continued monitoring increases confidence the herd is not infected.
- IV. Herd advancement for test-negative status –
 - a. Herds meeting the entry requirements will be designated as status Level 1
 - b. Test-negative herds may achieve Level 1, 2, 3 or 4, with each higher level representing a greater probability that the herd is free of Johne's Disease.
 - i. Level 2 – Herds have met the requirements for Level 1 and have had negative serologic screening tests on a statistical subset of second- or higher lactation animals. Level 2 testing must be completed within 10 to 14 months of any Level 1 testing.
 - ii. Level 3 – Herds must have met the requirements for Level 2 and have had negative fecal culture results on a statistical subset of second- or higher lactation herd members. Bulls 2 years of age and older must be included in this testing. The fecal culture must be collected within 10 to 14 months of any Level 2 testing.
 - iii. Level 4 – Herds must have met the requirements for Level 3 and have had a negative serologic screening test on a statistical subset of second- or higher lactation animals. Level 4 testing must be completed within 10 to 14 months of any level 3 testing.
- V. Herd removal provisions – If an animal in a test-negative herd tests positive to an official Johne's disease test, or if the testing requirements are not followed, the herd must be removed from the test-negative herd status program. Animals that test positive to a serologic screening test must be confirmed with an official Johne's Disease organism detection test or their status will be removed or suspended.
- VI. Herd additions
 - a. Purchased heifers and bulls less than 2 years of age may be added to the herd, provided that:
 - i. The animal was purchased from a herd with a test-negative level that is equal to or higher than the herd it is entering, OR
 - ii. The purchased animal is tested in the next herd test after it reaches 2 years of age. Herds containing animals purchased from herds with a lower or unknown status will be restricted to Level 1 until all additions reach test-negative component by following the testing protocol for Level 2.

- b. Purchased or replacement animals 2 years of age or older may be added to the herd provided that:
- i. For test-negative herds Level 1, 2, or 3:
 1. The animal was purchased from a herd with a test-negative level equal to or higher than the herd it is entering, OR
 2. The animal has a serologic screening test within 30 days before entering the test-negative herd with negative test results, AND
 3. Fecal cultures have been collected from each animal added and submitted between 30 days before and 30 days after arrival, AND
 4. The herd addition is tested on the next herd test. The addition's status will remain at its entry level until it has tested negative at the next herd test.
 - ii. For test-negative Level 4 herds:
 1. The animal was purchased from a herd with a test-negative level that is equal to the herd it is entering, OR
 2. The herd of origin has a test-negative level of 2 or 3 and the purchased addition has a screening test with negative results within 30 days before entry into the program herd, AND
 3. Fecal cultures have been collected from each animal added and submitted between 30 days before and 30 days after arrival, AND
 4. The herd addition is tested on the next herd test. The addition's status will remain at its entry level until it has tested negative at the next herd test.
 - iii. Heifers raised off the premises must be raised with the proper biosecurity measures in place and with animals at an equal or greater test-negative level.
 - iv. Test-negative program herds may use semen used is processed according to Certified Semen Services' standards and the embryos are processed according to International Embryo Transfer Society protocols. Embryo transfer recipient cows must meet herd addition requirements.
- VII. Renewal and advancement – A herd will remain at any level for up to 14 months. For continuation of this classification, the herd owner must reapply with a copy of negative test results, an updated herd management plan, and an agreement to follow the test-negative status level requirements. If a herd owner wishes to renew or advance but is waiting for confirmation of serologic test results and therefore cannot meet the 14 month deadline, the Designated Johne's Disease Coordinator may allow the herd to retain its status for up to 5 months. Herds for which the necessary test results have not been supplied by the extended 5-month deadline will be removed from the test-negative component. Herds removed from the test-negative component may reapply at the test-negative Level 1.

HERD OWNER

FARM NAME

ADDRESS

CITY, STATE AND ZIP

TELEPHONE NUMBER

E-MAIL ADDRESS

PERMISSION FOR MISSOURI DEPARTMENT OF AGRICULTURE TO RELEASE YOUR CONTACT INFORMATION TO POTENTIAL BUYERS OF REPLACEMENT STOCK

☐ YES ☐ NO